

CF 10154

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

November 18, 1991

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

Greenhill Petroleum Corporation  
11490 Westheimer, Suite 200  
Houston, Texas 77077

Attention: Michael J. Newport

*RE: Injection Pressure Increase  
Lovington San Andres Unit  
Lea County, New Mexico*

Dear Mr. Newport:

Reference is made to your request dated November 1, 1991, to increase the surface injection pressure on 6 wells within the Lovington San Andres Unit Waterflood Project. This request is based on step rate tests conducted on these wells during July, 1991. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells.

<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
LSAU No. 3 Unit B, 36-16S-36E	1825 PSIG
LSAU No. 10 Unit G, 36-16S-36E	1800 PSIG
LSAU No. 13 Unit I, 36-16S-36E	1325 PSIG
LSAU No. 15 Unit K, 31-16S-37E	1505 PSIG
LSAU No. 39 Unit E, 6-17S-37E	2250 PSIG
LSAU No. 40 Unit H, 1-17S-36E	1430 PSIG

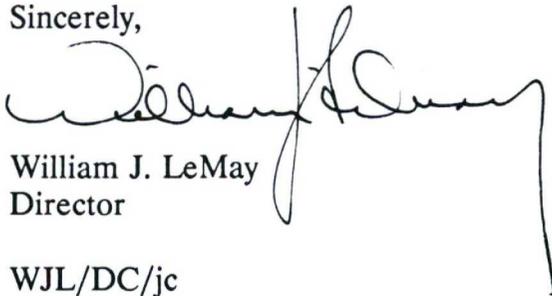
All in Lea County, New Mexico

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The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay". The signature is fluid and cursive, with a long, sweeping tail that extends downwards and to the right.

William J. LeMay  
Director

WJL/DC/jc

cc: Oil Conservation Division - Hobbs  
File: Case No. 10154  
D. Catanach  
R. Brown